# Chemistry

## Context of Chem

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<td></td>
<td>THIS COURSE MEETS AT THE FRISCO CAMPUS, 2811 INTERNET BLVD., FRISCO, TX 75034.</td>
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## Discover Chemistry

<table>
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<tr>
<th>Course</th>
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ATTENDANCE MANDATORY.

CHEM 1430 LAB SEQ GEN CHEM

001 (2342) CRE 1.0 Petros A
MUST ALSO CHOOSE A .3XX LAB SECTION.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
WEB-BASED INSTRUCTION.
THIS IS AN INTERNET COURSE. COURSE ENROLLMENT IS RESTRICTED AND NON-Texas RESIDENT STUDENTS RESIDING OUTSIDE OF THE STATE ARE NOT ELIGIBLE TO ENROLL IN THIS SECTION. CONTACT THE DEPARTMENT FOR ENROLLMENT ASSISTANCE IN AN APPROPRIATE
SECTION OF THE COURSE IF APPLICABLE.
THIS LECTURE SECTION IS ENTIRELY ONLINE. PLEASE NOTE THAT THE ASSOCIATED LAB WILL
MEET ON CAMPUS ON THE INDICATED DAYS AND TIMES.

<table>
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CHEM 131R Petros ALAB 0.0 03:30 pm-06:20 pm 343 (5103)
CHEM 137F Petros ALAB 0.0 06:00 pm-08:50 pm 344 (6190)
CHEM 14492 Petros ALAB 0.0 06:00 pm-08:50 pm 345 (14492)
CHEM 134F Petros ALAB 0.0 09:00 am-11:50 am 346 (14493)
CHEM 137M Petros ALAB 0.0 09:00 am-11:50 am 347 (14494)
CHEM 134S Petros ALAB 0.0 12:00 pm-02:50 pm 348 (14949)
CHEM 137S Petros ALAB 0.0 09:00 am-11:50 am 349 (14950)
CHEM 137S Petros ALAB 0.0 12:00 pm-02:50 pm 350 (14951)
CHEM 131F Petros ALAB 0.0 09:00 am-11:50 am 351 (14952)
CHEM 131W Kinyanjui SLAB 0.0 03:00 pm-05:50 pm 352 (14953)
CHEM 137S Petros ALAB 0.0 03:00 pm-05:50 pm 353 (15031)
CHEM 137S Petros ALAB 0.0 03:00 pm-05:50 pm 354 (15415)

CHEM 1435 GEN CHEM LAB ENGINEERS
001 (4830) CRE 1.0 INET Kinyanjui S
WEB-BASED INSTRUCTION.
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301 (4831) LAB 0.0 W 12:59 pm-03:50 pm CHEM 131 Kinyanjui S
302 (4832) LAB 0.0 W 03:59 pm-06:50 pm CHEM 131 Kinyanjui S
303 (4833) LAB 0.0 W 06:59 pm-09:50 pm CHEM 131 Kinyanjui S

CHEM 1440 LAB SEQ GEN CHEM
001 (2370) CRE 1.0 Kinyanjui S
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
MUST CHOOSE A .3XX LAB.
WEB-BASED INSTRUCTION.
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301 (2371) LAB 0.0 M 12:00 pm-02:50 pm CHEM 131 Kinyanjui S
302 (14955) LAB 0.0 M 03:00 pm-05:50 pm CHEM 131 Kinyanjui S
304 (5283) LAB 0.0 M 06:00 pm-08:50 pm CHEM 131 Kinyanjui S
305 (2372) LAB 0.0 T 06:30 pm-09:20 pm CHEM 131 Kinyanjui S
306 (5284) LAB 0.0 T 03:30 pm-06:20 pm CHEM 131 Kinyanjui S
307 (5549) LAB 0.0 T 09:30 am-12:20 pm CHEM 131 Kinyanjui S
308 (14482) LAB 0.0 M 09:00 am-11:50 am CHEM 131 Kinyanjui S
309 (14483) LAB 0.0 T 12:30 pm-03:20 pm CHEM 131 Kinyanjui S
310 (14956) LAB 0.0 S 09:00 am-11:50 am CHEM 131 Kinyanjui S
311 (15029) LAB 0.0 S 12:00 pm-02:50 pm CHEM 131 Kinyanjui S

CHEM 2370 ORGANIC CHEMISTRY
001 (2373) CRE 3.0 MWF 09:00 am-09:50 am ESSC 255 Dandekar S
PREREQUISITE: CHEM 1415, 1420, 1422 OR 1423.
SHOULD ALSO BE ENROLLED IN 3210 LAB.
MUST ALSO BE ENROLLED IN CHEM 2370.211
002 (2374) CRE 3.0 MWF 08:00 am-08:50 am SAGE 116 Browning C
PREREQUISITE: CHEM 1415, 1420, 1422 OR 1423.
SHOULD ALSO BE ENROLLED IN 3210 LAB.
MUST ALSO BE ENROLLED IN CHEM 2370.212
PREREQUISITE: CHEM 1415, 1420, 1422 OR 1423.
SHOULD ALSO BE ENROLLED IN 3210 LAB.
MUST ALSO BE ENROLLED IN CHEM 2370.213

211 (2376) REC 0.0 M 02:00 pm-02:50 pm  LIFE A117  Dandekar S
ATTENDANCE MANDATORY.

212 (2377) REC 0.0 W 03:00 pm-03:50 pm  SAGE 116  Browning C
ATTENDANCE MANDATORY

CHEM 2380 ORGANIC CHEMISTRY

001 (2379) CRE 3.0 TR 02:00 pm-03:20 pm  LIFE A117  Dandekar S
PREREQUISITE: CHEM 2370
SHOULD ALSO BE ENROLLED IN CHEM 3220 LAB.
MUST ALSO BE ENROLLED IN CHEM 2380.211

211 (2380) REC 0.0 W 03:00 pm-03:50 pm  LIFE A117  Dandekar S
ATTENDANCE MANDATORY

CHEM 2900 INTRO CHEM RSCH

700 (2381) CRE V
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 2910 INTRO CHEM RSCH

700 (2405) CRE V
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 3210 ORGANIC CHEM LAB

001 (2429) CRE 1.0 M 12:59 pm-01:50 pm  SAGE 116  Marpu S
PREREQUISITE: CHEM 1440 AND MUST HAVE HAD OR BE CONCURRENTLY REGISTERED FOR CHEM 2370
MUST ALSO BE ENROLLED IN ANY CHEM 3210.3XX LAB SECTION.
LAB LECTURE MUST MEET AT LEAST ONE DAY BEFORE ACTUAL LAB MEETS.

002 (2430) CRE 1.0 R 02:00 pm-02:50 pm  ENV 130  Marpu S
PREREQUISITE: CHEM 1440 AND MUST HAVE HAD OR BE CONCURRENTLY REGISTERED FOR CHEM 2370
MUST ALSO BE ENROLLED IN ANY CHEM 3210.3XX LAB SECTION.
LAB LECTURE MUST MEET AT LEAST ONE DAY BEFORE ACTUAL LAB MEETS.

003 (5290) CRE 1.0 T 03:30 pm-04:20 pm  GAB 105  Marpu S
PREREQUISITE: CHEM 1440 AND MUST HAVE HAD OR BE CONCURRENTLY REGISTERED FOR CHEM 2370
MUST ALSO BE ENROLLED IN ANY CHEM 3210.3XX LAB SECTION.
LAB LECTURE MUST MEET AT LEAST ONE DAY BEFORE ACTUAL LAB MEETS.

004 (14959) CRE 1.0 M 03:30 pm-04:20 pm  GAB 104  Marpu S
PREREQUISITE: CHEM 1440 AND MUST HAVE HAD OR BE CONCURRENTLY REGISTERED FOR CHEM 2370
MUST ALSO BE ENROLLED IN ANY CHEM 3210.3XX LAB SECTION.
LAB LECTURE MUST MEET AT LEAST ONE DAY BEFORE ACTUAL LAB MEETS.

301 (2431) LAB 0.0 T 12:30 pm-03:20 pm  CHEM 241  Marpu S
302 (2432) LAB 0.0 T 06:30 pm-09:20 pm  CHEM 243  Marpu S
303 (5104) LAB 0.0 T 03:30 pm-06:20 pm  CHEM 241  Marpu S
304 (2433) LAB 0.0 W 12:00 pm-02:50 pm  CHEM 241  Marpu S
305 (2434) LAB 0.0 W 03:00 pm-05:50 pm  CHEM 241  Marpu S
306 (2435) LAB 0.0 W 06:00 pm-08:50 pm  CHEM 241  Marpu S
307 (2436) LAB 0.0 R 12:30 pm-03:20 pm  CHEM 241  Marpu S
308 (5762) LAB 0.0 T 09:30 am-12:20 pm  CHEM 241  Marpu S
309 (2437) LAB 0.0 F 12:00 pm-02:50 pm  CHEM 241  Marpu S
CHEM 241F Marpu SLAB 0.0 03:00 pm-05:50 pm
CHEM 241R Marpu SLAB 0.0 06:30 pm-09:20 pm
CHEM 241R Marpu SLAB 0.0 03:30 pm-06:20 pm
CHEM 243T Marpu SLAB 0.0 12:30 pm-03:20 pm
CHEM 243T Marpu SLAB 0.0 03:30 pm-06:20 pm
CHEM 243W Marpu SLAB 0.0 12:00 pm-02:50 pm
CHEM 243W Marpu SLAB 0.0 03:00 pm-05:50 pm
CHEM 243W Marpu SLAB 0.0 06:00 pm-08:50 pm
CHEM 241T Marpu SLAB 0.0 06:30 pm-09:20 pm
CHEM 241R Marpu SLAB 0.0 09:30 am-12:20 pm
CHEM 243T Marpu SLAB 0.0 09:30 am-12:20 pm
CHEM 241F Marpu SLAB 0.0 06:00 pm-08:50 pm
CHEM 243F Marpu SLAB 0.0 12:00 pm-02:50 pm
CHEM 243F Marpu SLAB 0.0 03:00 pm-05:50 pm
CHEM 243F Marpu SLAB 0.0 06:00 pm-08:50 pm
CHEM 241W Marpu SLAB 0.0 09:00 am-11:50 am
CHEM 241F Marpu SLAB 0.0 09:00 am-11:50 am
CHEM 241F Marpu SLAB 0.0 09:00 am-11:50 am
CHEM 243M Marpu SLAB 0.0 12:00 pm-02:50 pm
CHEM 243M Marpu SLAB 0.0 03:00 pm-05:50 pm
CHEM 243M Marpu SLAB 0.0 06:00 pm-08:50 pm
CHEM 241M Marpu SLAB 0.0 12:00 pm-02:50 pm
CHEM 241M Marpu SLAB 0.0 03:00 pm-05:50 pm
CHEM 241M Marpu SLAB 0.0 06:00 pm-08:50 pm
CHEM 241M Marpu SLAB 0.0 09:00 am-11:50 am
CHEM 243M Marpu SLAB 0.0 09:00 am-11:50 am
CHEM 243S Marpu SLAB 0.0 12:00 pm-02:50 pm
CHEM 243S Marpu SLAB 0.0 12:00 pm-02:50 pm
CHEM 243S Marpu SLAB 0.0 03:00 pm-05:50 pm
CHEM 3220 ORGANIC CHEM LAB
001 (2441) CRE 1.0 W 02:00 pm-02:50 pm LIFE A117 Marpu S
PREREQUISITE: CHEM 2380 AND 3210
CHOOSE 3220 LAB SECTION.
LAB LECTURE MUST MEET AT LEAST ONE DAY BEFORE ACTUAL LAB MEETS.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 2380.

301 (2442) LAB 0.0 M 12:00 pm-02:50 pm CHEM 243 Marpu S
302 (2443) LAB 0.0 M 03:00 pm-05:50 pm CHEM 243 Marpu S
303 (4148) LAB 0.0 M 06:00 pm-08:50 pm CHEM 243 Marpu S
304 (5287) LAB 0.0 M 12:00 pm-02:50 pm CHEM 241 Marpu S
305 (5636) LAB 0.0 M 03:00 pm-05:50 pm CHEM 241 Marpu S
306 (14003) LAB 0.0 M 06:00 pm-08:50 pm CHEM 241 Marpu S
307 (14960) LAB 0.0 M 09:00 am-11:50 am CHEM 241 Marpu S
308 (15804) LAB 0.0 M 09:00 am-11:50 am CHEM 243 Marpu S
310 (15032) LAB 0.0 S 12:00 pm-02:50 pm CHEM 241 Marpu S

CHEM 3230 PHYSICAL MEASURE
001 (2444) CRE 1.0 T 12:59 pm-01:50 pm CHEM 352
MUST ALSO BE ENROLLED IN CHEM 3230.3XX.
CHEM 3510 (MAY BE TAKEN CONCURRENCY). 

301 (2445) LAB 0.0 R 03:00 pm-05:50 pm CHEM 280
302 (5978) LAB 0.0 W 06:00 pm-08:50 pm CHEM 280
303 (14486) LAB 0.0 T 03:00 pm-05:50 pm CHEM 280

CHEM 3451 QUANT ANYL
001 (2446) CRE 3.0 TR 09:30 am-10:50 am CHEM 106 Chyan O
PREREQUISITE: CHEM 1440
SHOULD BE CONCURRENTLY ENROLLED IN CHEM 3452.
CHOOSE FROM 3452.301 THROUGH 3452.305.

CHEM 3452 QUANT ANYL LAB
301 (2447) CRE 1.0 M 12:59 pm-04:50 pm CHEM 283 Chyan O
PREREQUISITE: CHEM 1440.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.
CHEM 283T Chyan OCRE 1.0 12:59 pm-04:50 pm 302 (2448)
PREREQUISITE: CHEM 1440
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.
303 (2449) CRE 1.0 W 05:00 pm-08:50 pm CHEM 283 Chyan O
PREREQUISITE: CHEM 1440.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.
304 (4264) CRE 1.0 W 12:59 pm-04:50 pm CHEM 283 Chyan O
PREREQUISITE: CHEM 1440.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.
305 (5282) CRE 1.0 T 05:00 pm-08:50 pm CHEM 283 Chyan O
PREREQUISITE: CHEM 1440.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.
306 (16066) CRE 1.0 R 12:59 pm-04:50 pm CHEM 283 Chyan O
CHEM 3510 PHYSICAL CHEM
001 (2450) CRE 3.0 MWF 09:59 am-10:50 am CHEM 106 Marshall P
MUST ALSO BE ENROLLED IN CHEM 3510.211
PREREQUISITES: MATH 1720
211 (2451) REC 0.0 W 12:59 pm-01:50 pm CHEM 106 Marshall P
CHEM 3601 ORGANIC CHEM
001 (2452) CRE 3.0 TR 09:30 am-10:50 am ENV 190 Richmond M
PREREQUISITE: CHEM 1420 OR 1423.
SHOULD ALSO BE ENROLLED IN CHEM 3602.
DESIGNED FOR MEDICAL TECHNOLOGY, HUMAN RESOURCE MANAGEMENT, AND
OTHER STUDENTS REQUIRING A ONE-SEMESTER ORGANIC COURSE.
MUST BE ENROLLED IN 3601.211
211 (2453) REC 0.0 T 02:00 pm-02:50 pm SAGE 355 Richmond M
ATTENDANCE MANDATORY
CHEM 3602 ORGANIC CHEM LAB
301 (16067) CRE 1.0 R 12:30 pm-03:20 pm CHEM 243 Richmond M
302 (4023) CRE 1.0 R 03:30 pm-06:20 pm CHEM 243 Richmond M
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3601.
CHEM 4610 ADV INORG CHEM
002 (2454) CRE 3.0 MW 02:00 pm-03:20 pm CHEM 106 Omary M
PREREQUISITE: CHEM 3520.
CHEM 4660 INTRO TO COMP CHEM
001 (15303) CRE 3.0 MW 12:59 pm-02:20 pm CHEM 232 Cisneros G
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
CHEM 4700 RSRCH METHOD SCI INSTR
001 (5808) CRE 3.0 MW 05:00 pm-06:50 pm LIFE A111 Sherman K
STUDENTS MUST BE ADMITTED TO MSST-MNU BEFORE ENROLLING IN COURSE.
MATH AND SCIENCE, SECONDARY TEACHING MINOR.
CHEM 4900 SPECIAL PROBLEMS
001 (5135) CRE V M 05:00 pm-05:50 pm CHEM 253 Golden T
Course Topic: FORENSIC INTERNSHIP
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
COURSE TOPIC: FORENSIC INTERNSHIP
700 (2455) CRE V PREREQUISITE: CHEM 3220 OR EQUIVALENT AND WRITTEN CONSENT OF INSTRUCTOR.
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
CHEM 4910 SPECIAL PROBLEMS
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
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<tr>
<td>CHEM 4912</td>
<td>RESEARCH CAPSTONE</td>
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<td>Course Topic: FORENSIC INTERNSHIP</td>
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<td>001</td>
<td>CRE 3.0 M 05:00 pm-05:50 pm</td>
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<td>CRE 3.0 TR 08:00 am-09:20 am</td>
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<td>CRE 1.0 F 03:30 pm-04:20 pm</td>
<td>CHEM 109 Cundari T</td>
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<td>GRAD TEACH AND RES</td>
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<td>002</td>
<td>CRE 2.0 MW 09:59 am-10:50 am</td>
<td>CHEM 253 Slaughter III L</td>
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<td>PHYSICAL CHEM</td>
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<td>002</td>
<td>CRE 3.0 TR 09:30 am-10:50 am</td>
<td>CHEM 253 Schwartz M</td>
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<td>001</td>
<td>CRE 3.0 MWF 12:00 pm-12:50 pm</td>
<td>AUDB 212 Wang H</td>
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<td>SPECIAL PROBLEMS</td>
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WEB-BASED INSTRUCTION.
THIS IS AN INTERNET COURSE. COURSE ENROLLMENT IS RESTRICTED AND NON-TEXAS RESIDENT STUDENTS RESIDING OUTSIDE OF THE STATE ARE NOT ELIGIBLE TO ENROLL IN THIS SECTION. CONTACT THE DEPARTMENT FOR ENROLLMENT ASSISTANCE IN AN APPROPRIATE SECTION OF THE COURSE IF APPLICABLE.
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
CHEM 5910  SPECIAL PROBLEMS
700  (2534)  CRE V
    MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
    MULTIPLE SECTIONS OFFERED.
    RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5920  PROB LIEU THESIS
750  (2560)  CRE 3.0
    MULTIPLE SECTIONS OFFERED.
    MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 5930  PROB LIEU THESIS
001  (16829)  CRE 3.0  TR  08:00 am-09:20 am  CHEM 253  Golden T
    Course Topic: ADVANCED X-RAY DIFFRACTION
    MULTIPLE SECTIONS OFFERED.
    MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
    RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5940  SEMINAR CUR CHEM
001  (2611)  CRE 1.0  F  03:30 pm-04:20 pm  CHEM 109  Cundari T

CHEM 5950  THESIS
750  (2612)  CRE V
    MULTIPLE SECTIONS OFFERED.
    MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
    RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 6010  DOCTORAL SEMINAR
700  (2639)  CRE 3.0
    MULTIPLE SECTIONS OFFERED.
    MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6940  INDV RESEARCH
750  (2664)  CRE V
    MULTIPLE SECTIONS OFFERED.
    MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
    RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 6950  DISSERTATION
750  (2692)  CRE V
    MULTIPLE SECTIONS OFFERED.
    MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
    RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 6990  POST DOC RESEARCH
750  (2717)  CRE V
    MULTIPLE SECTIONS OFFERED.
    MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
    RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

774  (4631)  CRE V  Verbeck IV G
    RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.